

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/001,934C
Source: 1FW16
Date Processed by STIC: 2/26/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/001,934C

CRF Edit Date: 3/26/07
Edited by: N

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

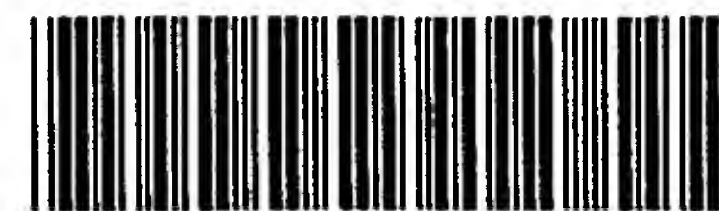
___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

✓
___ Other: Seqs. 3, 41 - inserted C2207 and C2237's
after every four lines of C2237 response



IFW16

RAW SEQUENCE LISTING

DATE: 02/26/2007

PATENT APPLICATION: US/10/001,934C

TIME: 18:20:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02262007\J001934C.raw

4 <110> APPLICANT: Nagy, Zoltan
 5 Brunner, Christoph
 6 Tesar, Michael
 7 Thomassen-Wolf, Elisabeth
 8 Rauchenberger, Robert
 10 <120> TITLE OF INVENTION: HUMAN POLYPEPTIDES CAUSING OR LEADING TO THE KILLING
 11 OF CELLS INCLUDING LYMPHOID TUMOR CELLS
 13 <130> FILE REFERENCE: GPCG-P01-003
 15 <140> CURRENT APPLICATION NUMBER: 10/001934C
 16 <141> CURRENT FILING DATE: 2001-11-15
 18 <150> PRIOR APPLICATION NUMBER: PCT/US01/15625
 19 <151> PRIOR FILING DATE: 2001-05-14
 21 <150> PRIOR APPLICATION NUMBER: EP 00 11 0065.0
 22 <151> PRIOR FILING DATE: 2000-05-12
 24 <150> PRIOR APPLICATION NUMBER: US 60/238,762
 25 <151> PRIOR FILING DATE: 2000-10-06
 27 <160> NUMBER OF SEQ ID NOS: 62
 29 <170> SOFTWARE: PatentIn version 3.2
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 10
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Artificial Sequence
 37 <220> FEATURE:
 38 <221> NAME/KEY: VARIANT
 39 <222> LOCATION: (1)..(4)
 40 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 42 <220> FEATURE:
 43 <221> NAME/KEY: VARIANT
 44 <222> LOCATION: (7)..(7)
 45 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 47 <220> FEATURE:
 48 <221> NAME/KEY: VARIANT
 49 <222> LOCATION: (10)..(10)
 50 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: sequence for VHconCDR3
 55 <400> SEQUENCE: 1
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 57 1 5 10
 60 <210> SEQ ID NO: 2
 61 <211> LENGTH: 8
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Artificial Sequence

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65 <220> FEATURE:
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67 <222> LOCATION: (5)..(8)
68 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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71 <223> OTHER INFORMATION: sequence for VLconCDR3
73 <400> SEQUENCE: 2
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75 1 5
78 <210> SEQ ID NO: 3
79 <211> LENGTH: 10
80 <212> TYPE: PRT
81 <213> ORGANISM: artificial sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: sequence for MS-GPC8-VH-CDR3,MS-GPC8-1-VH-CDR3,
85 MS-GPC8-6-VH-CDR3,MS-GPC8-9-VH-CDR3,
86 MS-GPC8-10-VH-CDR3,MS-GPC8-17-VH-CDR3,
87 MS-GPC8-18-VH-CDR3,
W--> 88 <220> FEATURE:
89 <223> OTHER INFORMATION: MS-GPC8-27-VH-CDR3, MS-GPC8-6-2-VH-CDR3,
90 MS-GPC8-6-13-VH-CDR3, MS-GPC8-6-19-VH-CDR3
91 sequence for MS-GPC8-6-27-VH-CDR3, MS-GPC8-6-45-VH-CDR3,
92 MS-GPC8-10-57-VH-CDR3,MS-GPC8-27-7-VH-CDR3,
W--> 93 <220> FEATURE:
94 <223> OTHER INFORMATION: MS-GPC8-27-10-VH-CDR3, MS-GPC8-27-41-VH-CDR3, MS-GPC8-6-
95 47-VH-CDR3
97 <400> SEQUENCE: 3
98 Ser Pro Arg Tyr Arg Gly Ala Phe Asp Tyr
99 1 5 10
102 <210> SEQ ID NO: 4
103 <211> LENGTH: 8
104 <212> TYPE: PRT
105 <213> ORGANISM: artificial sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: sequence for MS-GPC8-10-VL-CDR3,MS-GPC8-10-57-VL-CDR3
110 <400> SEQUENCE: 4
111 Gln Ser Tyr Asp Leu Ile Arg His
112 1 5
115 <210> SEQ ID NO: 5
116 <211> LENGTH: 8
117 <212> TYPE: PRT
118 <213> ORGANISM: artificial sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: sequence for MS-GPC8-27-VL-CDR3,MS-GPC8-27-7-VL-CDR3,
122 MS-GPC8-27-10-VL-CDR3,MS-GPC8-27-41-VL-CDR3
124 <400> SEQUENCE: 5
125 Gln Ser Tyr Asp Met Asn Val His
126 1 5
129 <210> SEQ ID NO: 6

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RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/001,934C

TIME: 18:20:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02262007\J001934C.raw

130 <211> LENGTH: 13
 131 <212> TYPE: PRT
 132 <213> ORGANISM: artificial sequence
 134 <220> FEATURE:
 135 <221> NAME/KEY: VARIANT
 136 <222> LOCATION: (4)..(5)
 137 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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 140 <221> NAME/KEY: VARIANT
 141 <222> LOCATION: (9)..(9)
 142 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 144 <220> FEATURE:
 145 <221> NAME/KEY: VARIANT
 146 <222> LOCATION: (13)..(13)
 147 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 149 <220> FEATURE:
 150 <223> OTHER INFORMATION: sequence for VLconCDR1
 152 <400> SEQUENCE: 6
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 154 1 5 10
 157 <210> SEQ ID NO: 7
 158 <211> LENGTH: 13
 159 <212> TYPE: PRT
 160 <213> ORGANISM: artificial sequence
 162 <220> FEATURE:
 163 <223> OTHER INFORMATION: sequence for MS-GPC-8-10-57-VL-CDR1, MS-GPC-8-27-41-VL-CDR1
 165 <400> SEQUENCE: 7
 166 Ser Gly Ser Glu Ser Asn Ile Gly Asn Asn Tyr Val Gln
 167 1 5 10
 170 <210> SEQ ID NO: 8
 171 <211> LENGTH: 8
 172 <212> TYPE: PRT
 173 <213> ORGANISM: artificial sequence
 175 <220> FEATURE:
 176 <223> OTHER INFORMATION: sequence for Streptag
 178 <400> SEQUENCE: 8
 179 Trp Ser His Pro Gln Phe Glu Lys
 180 1 5
 182 <210> SEQ ID NO: 9
 183 <211> LENGTH: 4
 184 <212> TYPE: PRT
 185 <213> ORGANISM: artificial sequence
 187 <220> FEATURE:
 188 <223> OTHER INFORMATION: FLAG peptide
 190 <400> SEQUENCE: 9
 191 Asp Tyr Lys Asp
 192 1
 195 <210> SEQ ID NO: 10
 196 <211> LENGTH: 17

RAW SEQUENCE LISTING

DATE: 02/26/2007

PATENT APPLICATION: US/10/001,934C

TIME: 18:20:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02262007\J001934C.raw

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197 <212> TYPE: DNA
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200 <220> FEATURE:
201 <223> OTHER INFORMATION: sequence for PrimerCRT5
203 <400> SEQUENCE: 10
204 gtggtggttc cgatatac
207 <210> SEQ ID NO: 11
208 <211> LENGTH: 44
209 <212> TYPE: DNA
210 <213> ORGANISM: artificial sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: sequence for PrimerCRT6
215 <400> SEQUENCE: 11
216 agcgtcacac tcggtgcggc ttctggctgg ccaagaacgg gtta
219 <210> SEQ ID NO: 12
220 <211> LENGTH: 13
221 <212> TYPE: PRT
222 <213> ORGANISM: artificial sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: sequence for MS-GPC1-VL-CDR1,MS-GPC8-VL-CDR1,MS-GPC10-VL-
CDR1,
226 MS-GPC8-1-VL-CDR1,MS-GPC8-6-VL-CDR1,MS-GPC8-9-VL-CDR1,MS-GPC8-10-VL-CDR1,
227 MS-GPC8-17-VL-CDR1,MS-GPC8-18-VL-CDR1,MS-GPC8-27-VL-CDR1,
229 <400> SEQUENCE: 12
230 Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Tyr Val Ser
231 1 5 10
234 <210> SEQ ID NO: 13
235 <211> LENGTH: 13
236 <212> TYPE: PRT
237 <213> ORGANISM: artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: sequence for MS-GPC8-6-2-VL-CDR1
242 <400> SEQUENCE: 13
243 Ser Gly Ser Glu Ser Asn Ile Gly Ser Asn Tyr Val His
244 1 5 10
247 <210> SEQ ID NO: 14
248 <211> LENGTH: 13
249 <212> TYPE: PRT
250 <213> ORGANISM: artificial sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: sequence for MS-GPC8-6-19-VL-CDR1
255 <400> SEQUENCE: 14
256 Ser Gly Ser Glu Ser Asn Ile Gly Ser Asn Tyr Val Ala
257 1 5 10
260 <210> SEQ ID NO: 15
261 <211> LENGTH: 13
262 <212> TYPE: PRT
263 <213> ORGANISM: artificial sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: sequence for MS-GPC8-6-27-VL-CDR1

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RAW SEQUENCE LISTING

DATE: 02/26/2007

PATENT APPLICATION: US/10/001,934C

TIME: 18:20:19

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02262007\J001934C.raw

268 <400> SEQUENCE: 15
 269 Ser Gly Ser Asp Ser Asn Ile Gly Ala Asn Tyr Val Thr
 270 1 5 10
 273 <210> SEQ ID NO: 16
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 275 <212> TYPE: PRT
 276 <213> ORGANISM: artificial sequence
 278 <220> FEATURE:
 279 <223> OTHER INFORMATION: sequence for MS-GPC8-6-45-VL-CDR1
 281 <400> SEQUENCE: 16
 282 Ser Gly Ser Glu Pro Asn Ile Gly Ser Asn Tyr Val Phe
 283 1 5 10
 286 <210> SEQ ID NO: 17
 287 <211> LENGTH: 13
 288 <212> TYPE: PRT
 289 <213> ORGANISM: artificial sequence
 291 <220> FEATURE:
 292 <223> OTHER INFORMATION: sequence for MS-GPC8-27-7-VL-CDR1
 294 <400> SEQUENCE: 17
 295 Ser Gly Ser Glu Ser Asn Ile Gly Asn Asn Tyr Val Gly
 296 1 5 10
 299 <210> SEQ ID NO: 18
 300 <211> LENGTH: 13
 301 <212> TYPE: PRT
 302 <213> ORGANISM: artificial sequence
 304 <220> FEATURE:
 305 <223> OTHER INFORMATION: sequence for MS-GPC8-27-10-VL-CDR1
 307 <400> SEQUENCE: 18
 308 Ser Gly Ser Glu Ser Asn Ile Gly Ala Asn Tyr Val Asn
 309 1 5 10
 312 <210> SEQ ID NO: 19
 313 <211> LENGTH: 10
 314 <212> TYPE: PRT
 315 <213> ORGANISM: artificial sequence
 317 <220> FEATURE:
 318 <223> OTHER INFORMATION: sequence for MS-GPC1-VH-CDR3
 320 <400> SEQUENCE: 19
 321 Gln Tyr Gly His Arg Gly Gly Phe Asp His
 322 1 5 10
 325 <210> SEQ ID NO: 20
 326 <211> LENGTH: 9
 327 <212> TYPE: PRT
 328 <213> ORGANISM: artificial sequence
 330 <220> FEATURE:
 331 <223> OTHER INFORMATION: sequence for MS-GPC6-VH-CDR3
 333 <400> SEQUENCE: 20
 334 Gly Tyr Gly Arg Tyr Ser Pro Asp Leu
 335 1 5
 338 <210> SEQ ID NO: 21

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/001,934C

DATE: 02/26/2007
TIME: 18:20:21

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\02262007\J001934C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,7,10

Seq#:2; Xaa Pos. 5,6,7,8

Seq#:6; Xaa Pos. 4,5,9,13

VERIFICATION SUMMARY

DATE: 02/26/2007

PATENT APPLICATION: US/10/001,934C

TIME: 18:20:21

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02262007\J001934C.raw

L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:88 M:283 W: Missing Blank Line separator, <220> field identifier
L:93 M:283 W: Missing Blank Line separator, <220> field identifier
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:1304 M:283 W: Missing Blank Line separator, <220> field identifier

Raw Sequence Listing before editing (for reference only)



IFW16

RAW SEQUENCE LISTING

DATE: 02/23/2007

PATENT APPLICATION: US/10/001,934C

TIME: 15:22:40

Input Set : A:\pto.ss.txt

Output Set: N:\CRF4\02232007\J001934C.raw

4 <110> APPLICANT: Nagy, Zoltan
 5 Brunner, Christoph
 6 Tesar, Michael
 7 Thomassen-Wolf, Elisabeth
 8 Rauchenberger, Robert
 10 <120> TITLE OF INVENTION: HUMAN POLYPEPTIDES CAUSING OR LEADING TO THE KILLING
 11 OF CELLS INCLUDING LYMPHOID TUMOR CELLS
 13 <130> FILE REFERENCE: GPCG-P01-003
 15 <140> CURRENT APPLICATION NUMBER: 10/001934C
 16 <141> CURRENT FILING DATE: 2001-11-15
 18 <150> PRIOR APPLICATION NUMBER: PCT/US01/15625
 19 <151> PRIOR FILING DATE: 2001-05-14
 21 <150> PRIOR APPLICATION NUMBER: EP 00 11 0065.0
 22 <151> PRIOR FILING DATE: 2000-05-12
 24 <150> PRIOR APPLICATION NUMBER: US 60/238,762
 25 <151> PRIOR FILING DATE: 2000-10-06
 27 <160> NUMBER OF SEQ ID NOS: 62
 29 <170> SOFTWARE: PatentIn version 3.2
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 10
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Artificial Sequence
 37 <220> FEATURE:
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 39 <222> LOCATION: (1)..(4)
 40 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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 43 <221> NAME/KEY: VARIANT
 44 <222> LOCATION: (7)..(7)
 45 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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 49 <222> LOCATION: '(10)..(10)
 50 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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 53 <223> OTHER INFORMATION: sequence for VHconCDR3
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 57 1 5 10
 60 <210> SEQ ID NO: 2
 61 <211> LENGTH: 8
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Artificial Sequence

see pp 2,8
Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/001,934C

DATE: 02/23/2007

TIME: 15:22:40

Input Set : A:\pto.ss.txt

Output Set: N:\CRF4\02232007\J001934C.raw

65 <220> FEATURE:
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 67 <222> LOCATION: (5)..(8)
 68 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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 71 <223> OTHER INFORMATION: sequence for VLconCDR3
 73 <400> SEQUENCE: 2
 W--> 74 Gln Ser Tyr Asp Xaa Xaa Xaa Xaa
 75 1 5
 78 <210> SEQ ID NO: 3
 79 <211> LENGTH: 10
 80 <212> TYPE: PRT
 81 <213> ORGANISM: artificial sequence
 83 <220> FEATURE:
 84 <223> OTHER INFORMATION: sequence for MS-GPC8-VH-CDR3, MS-GPC8-1-VH-CDR3, MS-GPC8-6-VH-CDR3,
 85 MS-GPC8-9-VH-CDR3, MS-GPC8-10-VH-CDR3, MS-GPC8-17-VH-CDR3, MS-GPC8-18-VH-CDR3,
 86 MS-GPC8-27-VH-CDR3, MS-GPC8-6-2-VH-CDR3, MS-GPC8-6-13-VH-CDR3, MS-GPC8-6-19-VH-CDR3,
 87 CDR3
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: sequence for MS-GPC8-6-27-VH-CDR3, MS-GPC8-6-45-VH-CDR3, MS-GPC8-10-57-VH-CDR3,
 91 VH-CDR3,
 92 MS-GPC8-27-7-VH-CDR3, MS-GPC8-27-10-VH-CDR3, MS-GPC8-27-41-VH-CDR3, MS-GPC8-6-47-VH-CDR3
 93 47-VH-CDR3
 95 <400> SEQUENCE: 3
 96 Ser Pro Arg Tyr Arg Gly Ala Phe Asp Tyr
 97 1 5 10
 100 <210> SEQ ID NO: 4
 101 <211> LENGTH: 8
 102 <212> TYPE: PRT
 103 <213> ORGANISM: artificial sequence
 105 <220> FEATURE:
 106 <223> OTHER INFORMATION: sequence for MS-GPC8-10-VL-CDR3, MS-GPC8-10-57-VL-CDR3
 108 <400> SEQUENCE: 4
 109 Gln Ser Tyr Asp Leu Ile Arg His
 110 1 5
 113 <210> SEQ ID NO: 5
 114 <211> LENGTH: 8
 115 <212> TYPE: PRT
 116 <213> ORGANISM: artificial sequence
 118 <220> FEATURE:
 119 <223> OTHER INFORMATION: sequence for MS-GPC8-27-VL-CDR3, MS-GPC8-27-7-VL-CDR3,
 120 MS-GPC8-27-10-VL-CDR3, MS-GPC8-27-41-VL-CDR3
 122 <400> SEQUENCE: 5
 123 Gln Ser Tyr Asp Met Asn Val His
 124 1 5
 127 <210> SEQ ID NO: 6
 128 <211> LENGTH: 13
 129 <212> TYPE: PRT
 130 <213> ORGANISM: artificial sequence

this response feeds 4 lines
insert hard return
same

RAW SEQUENCE LISTING

DATE: 02/23/2007

PATENT APPLICATION: US/10/001,934C

TIME: 15:22:40

Input Set : A:\pto.ss.txt

Output Set: N:\CRF4\02232007\J001934C.raw

132 <220> FEATURE:
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 134 <222> LOCATION: (4)..(5)
 135 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 137 <220> FEATURE:
 138 <221> NAME/KEY: VARIANT
 139 <222> LOCATION: (9)..(9)
 140 <223> OTHER INFORMATION: Xaa represents any amino acid residue
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 143 <221> NAME/KEY: VARIANT
 144 <222> LOCATION: (13)..(13)
 145 <223> OTHER INFORMATION: Xaa represents any amino acid residue
 147 <220> FEATURE:
 148 <223> OTHER INFORMATION: sequence for VLconCDR1
 150 <400> SEQUENCE: 6
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 152 1 5 10
 155 <210> SEQ ID NO: 7
 156 <211> LENGTH: 13
 157 <212> TYPE: PRT
 158 <213> ORGANISM: artificial sequence
 160 <220> FEATURE:
 161 <223> OTHER INFORMATION: sequence for MS-GPC-8-10-57-VL-CDR1, MS-GPC-8-27-41-VL-CDR1
 163 <400> SEQUENCE: 7
 164 Ser Gly Ser Glu Ser Asn Ile Gly Asn Asn Tyr Val Gln
 165 1 5 10
 168 <210> SEQ ID NO: 8
 169 <211> LENGTH: 8
 170 <212> TYPE: PRT
 171 <213> ORGANISM: artificial sequence
 173 <220> FEATURE:
 174 <223> OTHER INFORMATION: sequence for Streptag
 176 <400> SEQUENCE: 8
 177 Trp Ser His Pro Gln Phe Glu Lys
 178 1 5
 180 <210> SEQ ID NO: 9
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 182 <212> TYPE: PRT
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 186 <223> OTHER INFORMATION: FLAG peptide
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 189 Asp Tyr Lys Asp
 190 1
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 194 <211> LENGTH: 17
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RAW SEQUENCE LISTING

DATE: 02/23/2007

PATENT APPLICATION: US/10/001,934C

TIME: 15:22:40

Input Set : A:\pto.ss.txt

Output Set: N:\CRF4\02232007\J001934C.raw

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199 <223> OTHER INFORMATION: sequence for PrimerCRT5
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202 gtggtggttc cgatatc                                     17
205 <210> SEQ ID NO: 11
206 <211> LENGTH: 44
207 <212> TYPE: DNA
208 <213> ORGANISM: artificial sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: sequence for PrimerCRT6
213 <400> SEQUENCE: 11
214 agcgtcacac tcggtgcggc ttctggctgg ccaagaacgg gtta      44
217 <210> SEQ ID NO: 12
218 <211> LENGTH: 13
219 <212> TYPE: PRT
220 <213> ORGANISM: artificial sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: sequence for MS-GPC1-VL-CDR1,MS-GPC8-VL-CDR1,MS-GPC10-VL-
CDR1,
224      MS-GPC8-1-VL-CDR1,MS-GPC8-6-VL-CDR1,MS-GPC8-9-VL-CDR1,MS-GPC8-10-VL-CDR1,
225      MS-GPC8-17-VL-CDR1,MS-GPC8-18-VL-CDR1,MS-GPC8-27-VL-CDR1,
227 <400> SEQUENCE: 12
228 Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Tyr Val Ser
229 1          5          10
232 <210> SEQ ID NO: 13
233 <211> LENGTH: 13
234 <212> TYPE: PRT
235 <213> ORGANISM: artificial sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: sequence for MS-GPC8-6-2-VL-CDR1
240 <400> SEQUENCE: 13
241 Ser Gly Ser Glu Ser Asn Ile Gly Ser Asn Tyr Val His
242 1          5          10
245 <210> SEQ ID NO: 14
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247 <212> TYPE: PRT
248 <213> ORGANISM: artificial sequence
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251 <223> OTHER INFORMATION: sequence for MS-GPC8-6-19-VL-CDR1
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254 Ser Gly Ser Glu Ser Asn Ile Gly Ser Asn Tyr Val Ala
255 1          5          10
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259 <211> LENGTH: 13
260 <212> TYPE: PRT
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264 <223> OTHER INFORMATION: sequence for MS-GPC8-6-27-VL-CDR1
266 <400> SEQUENCE: 15
267 Ser Gly Ser Asp Ser Asn Ile Gly Ala Asn Tyr Val Thr
268 1          5          10

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RAW SEQUENCE LISTING

DATE: 02/23/2007

PATENT APPLICATION: US/10/001,934C

TIME: 15:22:40

Input Set : A:\pto.ss.txt

Output Set: N:\CRF4\02232007\J001934C.raw

271 <210> SEQ ID NO: 16
272 <211> LENGTH: 13
273 <212> TYPE: PRT
274 <213> ORGANISM: artificial sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: sequence for MS-GPC8-6-45-VL-CDR1
279 <400> SEQUENCE: 16
280 Ser Gly Ser Glu Pro Asn Ile Gly Ser Asn Tyr Val Phe
281 1 5 10
284 <210> SEQ ID NO: 17
285 <211> LENGTH: 13
286 <212> TYPE: PRT
287 <213> ORGANISM: artificial sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: sequence for MS-GPC8-27-7-VL-CDR1
292 <400> SEQUENCE: 17
293 Ser Gly Ser Glu Ser Asn Ile Gly Asn Asn Tyr Val Gly
294 1 5 10
297 <210> SEQ ID NO: 18
298 <211> LENGTH: 13
299 <212> TYPE: PRT
300 <213> ORGANISM: artificial sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: sequence for MS-GPC8-27-10-VL-CDR1
305 <400> SEQUENCE: 18
306 Ser Gly Ser Glu Ser Asn Ile Gly Ala Asn Tyr Val Asn
307 1 5 10
310 <210> SEQ ID NO: 19
311 <211> LENGTH: 10
312 <212> TYPE: PRT
313 <213> ORGANISM: artificial sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: sequence for MS-GPC1-VH-CDR3
318 <400> SEQUENCE: 19
319 Gln Tyr Gly His Arg Gly Gly Phe Asp His
320 1 5 10
323 <210> SEQ ID NO: 20
324 <211> LENGTH: 9
325 <212> TYPE: PRT
326 <213> ORGANISM: artificial sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: sequence for MS-GPC6-VH-CDR3
331 <400> SEQUENCE: 20
332 Gly Tyr Gly Arg Tyr Ser Pro Asp Leu
333 1 5
336 <210> SEQ ID NO: 21
337 <211> LENGTH: 8
338 <212> TYPE: PRT
339 <213> ORGANISM: artificial sequence

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/001,934C

DATE: 02/23/2007
TIME: 15:22:41

Input Set : A:\pto.ss.txt
Output Set: N:\CRF4\02232007\J001934C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. ~~1,2,3,4,7,10~~
Seq#:2; Xaa Pos. ~~5,6,7,8~~
Seq#:6; Xaa Pos. ~~4,5,9,13~~

VERIFICATION SUMMARY

DATE: 02/23/2007

PATENT APPLICATION: US/10/001,934C

TIME: 15:22:41

Input Set : A:\pto.ss.txt

Output Set: N:\CRF4\02232007\J001934C.raw

L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0

L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0

L:1302 M:259 W: Allowed number of lines exceeded, <223> Other Information:

10/001,934c 8

<210> 41
<211> 120
<212> PRT
<213> artificial sequence

all <223> must not exceed 4 lines

<220>

<223> sequence for MS-GPC8-VH, MS-GPC8-1-VH, MS-GPC8-6-VH, MS-GPC8-9-VH,

MS-GPC8-10-VH, MS-GPC8-17-VH, MS-GPC8-18-VH, MS-GPC8-27-VH, MS-GPC8-6-2-VH,

MS-GPC8-6-13-VH, MS-GPC8-6-27-VH, MS-GPC8-6-45-VH, MS-GPC8-6-47-VH, MS-GPC8-10-57-

VH, <220> Insert

MS-GPC8-27-7-VH, MS-GPC8-27-10-VH, MS-GPC8-27-41-VH

move
down

<223>

insert

<400> 41